GARMIN®

GPSMAP® 62 series

owner's manual

For use with the GPSMAP 62, 62s, 62st, 62sc, and 62stc

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Getting Started

⚠ WARNING

See the *Important Safety and Product Information* guide in the product box for product warnings and other important information.

When using your device the first time, you should complete the following tasks to set up the device and get to know the basic features.

1. Install the batteries (page 3).
2. Turn on the device (page 3).
3. Acquire satellites (page 3).
4. Mark a waypoint (page 5).
5. Navigate a route (page 7).
6. Record a track (page 9).
7. Calibrate the compass (page 13).

Manual Conventions

When you are instructed to press something, use the buttons on the unit. Use the **Rocker** to select something in a list, and then press **ENTER** (page 4).

The small arrows (>) used in the text indicate that you should select a series of items in order, for example, "Select **Delete** > **Yes**."

Device Overview

① Internal antenna

② Display

③ Buttons (page 4)

④ ⏻

⑤ mini-USB port (under weather cap)

⑥ Camera lens. Available only on the GPSMAP 62sc and GPSMAP 62stc.

⑦ MCX connector for GPS antenna (under weather cap). Available only on the GPSMAP 62s and the GPSMAP 62st.

⑧ microSD™ card slot (under batteries). Available only on the GPSMAP 62s, GPSMAP 62st, GPSMAP 62sc, and GPSMAP 62stc.

⑨ Battery compartment

Battery Information

The device operates on two AA batteries. Use alkaline, NiMH, or lithium batteries. Use precharged NiMH or lithium batteries for best results (page 42).

Installing the Batteries

1. Remove the battery cover by turning the D-ring 1/4 turn counter-clockwise and pulling up.
2. Insert the batteries, observing polarity.

3. Replace the battery cover.

For best results, after you install new batteries, update the battery type in the system settings (page 42).

Turning the Device On or Off

Press and hold ⏻.

Setting Your Language

1. Turn on the unit.
2. Use the **Rocker** to select a language.

Acquiring Satellite Signals

It may take 30 to 60 seconds to acquire signals.

1. Go outdoors to an open area.
2. If necessary, turn on the device.
3. Wait while the device searches for satellites.

A question mark flashes while the device determines your location.

4. Quickly press ⏻ to open the backlight status page.

The GPS bars indicate satellite strength. When the bars are green, the device has acquired satellite signals.

Buttons

FIND	Press **FIND** to open the search menu.
MARK	Press **MARK** to save your current location as a waypoint.
QUIT	Press **QUIT** to cancel or return to the previous menu or page.
ENTER	Press **ENTER** to select options and acknowledge messages.
MENU	Press **MENU** to open the options menu for the page that is currently open. Press **MENU** twice to open the main menu (from any page).
PAGE	Press **PAGE** to scroll through the main pages (page 11).
Rocker	Press up, down, right, and left to select menu options and to move the map cursor.
IN	Press **IN** to zoom in on the map.
OUT	Press **OUT** to zoom out on the map.

Navigating with Waypoints and Routes

Waypoints

Waypoints are locations you record and store in the device.

Creating Waypoints

1. From any page, press **MARK**.
2. Select **Done**.

Navigating to a Waypoint Using the Search Menu

You can use the search menu to quickly find waypoints, tracks, routes, and coordinates that you have saved.

1. From any page, press **FIND**.
2. Select **Waypoints**.
3. Select a waypoint.
4. Select **Go**.

Editing a Waypoint

Before you can edit a waypoint, you must create a waypoint.

1. From the main menu, select **Waypoint Manager**.
2. Select a waypoint.
3. Select an attribute (such as the name or location).
4. Enter the new information.
5. Select **Done**.

Deleting a Waypoint

1. From the main menu, select **Waypoint Manager**.
2. Select a waypoint.
3. Press **MENU**.
4. Select **Delete**.

Routes

A route is a sequence of waypoints that leads you to your final destination.

Creating a Route

1. From the main menu, select **Route Planner** > **Create Route** > **Select First Point**.
2. Select a category.
3. Select the first point in the route.
4. Select **Use**.
5. Select **Select Next Point**.
6. Repeat steps 2–5 until the route is complete.

   A route must contain at least two points.
7. Press **QUIT** to save the route.

Editing the Name of a Route

1. From the main menu, select **Route Planner**.
2. Select a route.
3. Select **Change Name**.
4. Enter the new name.
5. Select **Done**.

Editing a Route

1. From the main menu, select **Route Planner**.
2. Select a route.
3. Select **Edit Route**.
4. Select a point.
5. Select an option:
   - **Review**—shows the point on the map.
   - **Move Down** (or **Up**)—changes the order of the point on the route.

- **Insert**—adds an additional point on the route.

  The additional point is inserted before the point you are editing.
- **Remove**—removes the point from the route.

Viewing a Route on the Map

1. From the main menu, select **Route Planner**.
2. Select a route.
3. Select **View Map**.

Deleting a Route

1. From the main menu, select **Route Planner**.
2. Select a route.
3. Select **Delete Route**.

Navigating a Route

1. Press **FIND**.
2. Select **Routes**.
3. Select a route.
4. Select **Go**.

Viewing the Active Route

1. From the main menu, select **Active Route**.
2. Select a point in the route to view additional details.

Stopping Navigation of a Route

1. From any page, press **FIND**.
2. Select **Stop Navigation**.

Navigating a Reverse Route

1. From the main menu, select **Route Planner**.
2. Select a route.
3. Select **Reverse Route**.
4. Select the route again.
5. Select **View Map** > **Go**.

Additional Maps

To purchase preloaded detailed map data cards, go to http://buy.garmin.com or contact your Garmin dealer.

Finding an Address with City Navigator®

You can use optional City Navigator maps to search for addresses, cities, and other locations. The detailed maps contain millions of points of interest, such as restaurants, hotels, and auto services.

1. Press **FIND**.
2. Select **Addresses**.
3. Enter the country.
4. Enter the city or postal code.

   NOTE: Not all map data provides postal code searching.
5. Select the city.
6. Enter the house number.
7. Enter the street.
8. Select **Go**.

Tracks

About Tracks

Your Garmin device records a track log while you are moving. You can save these tracks and navigate to them later.

You can view archived or loaded tracks by selecting **Track Manager** from the main menu.

Managing Track Log Recording

1. From the main menu, select **Setup** > **Tracks** > **Track Log**.
2. Select **Record**, **Do Not Show** or **Record**, **Show On Map**.

   If you select **Record**, **Show On Map**, a line on the map indicates your track.
3. Select **Record Method**.
4. Select an option:
   - **Distance**—records tracks at a specified distance.
   - **Time**–records tracks at a specified time.
   - **Auto**—records tracks at a variable rate to create an optimum representation of your tracks.
5. Select **Recording Interval**.
6. Select an option to record tracks more or less often.

   NOTE: Using the **Most Often** interval provides the most track detail and fills up the device memory quicker.

Viewing the Current Track

The track being recorded is called the current track.

1. From the main menu, select **Track Manager** > **Current Track**.
2. Select an option:
   - **View Map**—shows the current track on the map.
   - **Elevation Plot**—shows the elevation plot (page 15) for the current track.

Saving the Current Track

1. From the main menu, select **Track Manager** > **Current Track**.
2. Select what you want to save:
   - **Save Track**—saves the entire active track.
   - **Save Portion**—allows you to select a portion of the current track to save.

Clearing the Current Track

From the main menu, select **Setup** > **Reset** > **Clear Current Track** > **Yes**.

Deleting a Track

1. From the main menu, select **Track Manager**.
2. Select a track.
3. Select **Delete** > **Yes**.

Navigating a Saved Track

You must record and save a track before you can navigate using it.

1. Press **FIND**.
2. Select **Tracks**.
3. Select a saved track.
4. Select **Go**.

Using the Main Pages

The information needed to operate this device is found on the following pages: map, compass, main menu, and trip computer.

Customizing the Data Fields

You can customize the data fields that appear on the main pages. For data field descriptions, see page 25.

1. From a main page, press **MENU**.
2. Select **Change Data Fields**.
3. Select a data field.
4. Follow the on-screen instructions.

Restoring Default Page Settings

1. From a main page, press **MENU**.
2. Select **Restore Defaults**.
3. Press **ENTER**.

Map

The position icon represents your location on the map. As you travel, the position icon moves and leaves a track log (trail). Waypoint names and symbols also appear on the map.

Changing the Map Orientation

1. From the map, press **MENU**.
2. Select **Setup Map** > **Orientation**.
3. Select an orientation:
   - Select **North Up** to show north at the top of the page.
   - Select **Track Up** to show your current direction of travel at the top of the page.
   - Select **Automotive Mode** to show a perspective view.

Measuring Distance

You can move the cursor around the map to measure distance from the current location.

1. From the map, press **MENU**.
2. Select **Measure Distance**.

   The device automatically begins measuring from your current location.
3. Move the cursor to a point you want to measure to.

   The distance appears at the bottom of the page.
4. Press **QUIT** to stop measuring.

Map Setup Options

From the map, press **MENU**, and select **Setup Map**.

- **Map Orientation**—allows you to select how the map is displayed (page 11).
- **Guidance Text**—allows you to select when to show guidance text on the map.
- **Advanced Map Setup**
  - **Auto Zoom**—automatically selects the appropriate zoom level for optimal use on your map. When **Off** is selected, you must zoom in or out manually.
  - **Zoom Levels**—map items draw or appear at or below the selected zoom level.
  - **Text Size**—allows you to select the text size for map items.
  - **Detail**—allows you to select the amount of map data displayed on the device.

    NOTE: Higher detail settings may cause the map to redraw slowly.
- **Shaded Relief**—shows detail relief on the map (if available) or turns off shading.

- **Map Information**—allows you to enable or disable the maps currently loaded on the device. To purchase additional maps, see page 42.

Compass

When navigating to a destination, the bearing pointer points to your destination, regardless of the direction you are moving. When the bearing pointer points toward the top of the electronic compass, you are traveling directly toward your destination. If it points any other direction, turn toward that direction until the arrow is pointing toward the top of the compass.

Calibrating the Compass

NOTICE

Calibrate the electronic compass outdoors. Do not stand near objects that influence magnetic fields, such as cars, buildings, or overhead power lines.

NOTE: The three-axis compass is available only with the GPSMAP 62s, GPSMAP 62st, GPSMAP 62sc, and GPSMAP 62stc.

You should calibrate the compass after moving long distances, experiencing temperature changes, or changing the batteries.

1. From the compass, press **MENU**.
2. Select **Calibrate Compass** > **Start**.
3. Follow the on-screen instructions.

Using the Compass

You can use the compass to navigate an active route.

1. Press **PAGE**.
2. Hold the device level.
3. Follow the bearing pointer to your destination.

Using Sight ‘N Go

NOTE: Sight ‘N Go is available only with the GPSMAP 62s, GPSMAP 62st, GPSMAP 62sc, and GPSMAP 62stc.

You can point the device at an object in the distance, such as a lighthouse, lock in the direction, and then navigate to the object.

1. From the main menu, select **Sight ‘N Go**.
2. Point the device at an object.
3. Select **Lock Direction** > **Set Course**.
4. Use the compass to navigate to the object.

Compass Setup Options

From the compass, press **MENU**, and select **Setup Heading**.

- **Display**—shows the type of directional heading on the compass:
  - **Directional Letters**—sets the compass reading to directional letters (N, S, E, W).
  - **Numeric Degrees**—sets the compass reading to degrees (0°–359°).
  - **Mils**—sets the compass reading to mils (0 mils–6399 mils).
- **North Reference**—sets the north reference of the compass:
  - **True**—sets true north as the heading reference.
  - **Magnetic**—automatically sets the magnetic declination for your location.

- **Grid**—sets grid north as the heading reference (0°).
- **User**—sets the magnetic variation value.

- **Go To Line/Pointer**—allows you to select how the course is displayed.
  - **Bearing** (Small/Large) indicates the direction to your destination.
  - **Course** indicates your relationship to a course line leading to a destination.
- **Compass**—allows you to switch from an electronic compass to a GPS compass when you are traveling at a higher rate of speed for a set period of time, or turns the compass off.
- **Calibrate Compass**—starts the compass calibration (page 13).

Elevation Plot

NOTE: The elevation plot page is available only with the GPSMAP 62s, GPSMAP 62st, GPSMAP 62sc, and GPSMAP 62stc.

Calibrating the Barometric Altimeter

You can manually calibrate the barometric altimeter if you know the correct elevation or the correct pressure.

1. From the elevation plot, press **MENU**.
2. Select **Calibrate Altimeter**.
3. Follow the on-screen instructions.

Elevation Plot Setup Options

From the elevation plot, press **MENU**.

- **Change Plot Type**—sets the type of data shown on the elevation plot:
  - **Elevation/Time**—records elevation changes over a period of time.
  - **Elevation/Distance**—records elevation changes over a distance.
  - **Barometric Pressure**—records barometric pressure over a period of time.
  - **Ambient Pressure**—records ambient pressure changes over a period of time.
- **Adjust Zoom Ranges**—adjusts the zoom ranges shown on the elevation plot page.
- **Reset**—resets the elevation plot data:
  - **Reset Trip Data**—resets all trip data.
  - **Delete All Waypoints**—deletes all saved waypoints.
  - **Clear Current Track**—deletes the track log.
  - **Restore Defaults**—restores the device to factory settings.

Calibrate Altimeter—see page 15.

Opening the Main Menu

The main menu gives you access to setup screens including waypoints, tracks, and routes. See page 18 for main menu settings pages.

From any page, press **MENU** twice.

Trip Computer

The trip computer displays your current speed, average speed, maximum speed, trip odometer, and other helpful statistics.

Trip Computer Setup Options

From the trip computer, press **MENU**.

- **Reset**—resets all the trip computer values to zero. For accurate information, reset the trip information before beginning a trip.
- **Big Numbers**—changes the size of the numbers shown on the trip computer page.
- **Change Dashboard**—changes the theme and information displayed on the dashboard.

  NOTE: Your customized settings are remembered by the dashboard, and will not be lost when you change profiles (page 19).

Main Menu Features and Settings

Geocaches

Geocaching is a type of treasure hunting, in which geocachers seek hidden treasures using GPS coordinates posted on the Internet by those hiding the geocache.

Downloading Geocaches

1. Register your device (page 38).
2. Connect your device to your computer (page 44).
3. Go to www.garmin.com/products/communicator.
4. Download the Garmin Communicator plug-in.
5. Go to www.garmin.com/geocache.
6. Follow the on-screen instructions to download geocaches to your device.

Navigating to a Geocache

1. From the main menu, select **Geocaches**.
2. Select **Find a Geocache**.
3. Select a geocache.
4. Select **Go**.

Share Wirelessly

NOTE: The share wirelessly feature is available only with the GPSMAP 62s, GPSMAP 62st, GPSMAP 62sc, and GPSMAP 62stc.

Your device can send or receive data when connected to another compatible device. You must be within 10 feet (3 m) of the compatible Garmin device.

Sending and Receiving Data

1. From the main menu, select **Share Wirelessly**.
2. Select **Send** or **Receive**.
3. Follow the on-screen instructions.

Proximity Alarms

Proximity alarms alert you when you are approaching a predetermined area.

Setting a Proximity Alarm

1. From the main menu, select **Proximity Alarms**.
2. Select **Create New**.
3. Select a category.
4. Select a point.
5. Select **Use**.
6. Enter a radius.
7. Select **Done**.

Profile Change

When you are using a profile and you change settings such as data fields, units of measurement, or position settings, they are saved automatically as part of the profile you are using.

For more information about customizing your profile, see page 37.

Setting a Profile

1. From the main menu, select **Profile Change**.

   Your current profile is indicated on the page.
2. Select a profile.

Area Calculation

Calculating the Size of an Area

1. From the main menu, select **Area Calculation** > **Start**.
2. Walk around the perimeter of the area you want to calculate.
3. Select **Calculate** when finished.

After you calculate the area, you can save the track to your device and change the unit of measure.

Satellite

The satellite page shows your current location, GPS accuracy, satellite locations, and signal strength.

Satellite Settings

From the satellite page, press **MENU**.

- **Use With GPS On**—allows you to turn the GPS on and off.
- **Track Up**—indicates whether satellites are shown with rings oriented with North toward the top of the screen or oriented with your current track toward the top of the screen.
- **Single Color**—allows you to select whether the satellite page is displayed in multicolor or single color.
- **Set Location On Map**—allows you to mark your current location on the map. This option is available only when you turn off GPS. You can use this location to create routes or search for saved locations.
- **AutoLocate® Position**—calculates your GPS position using the Garmin AutoLocate feature.

Additional Main Menu Tools

- **Calendar**—displays a calendar.
- **Calculator**—displays a calculator.
- **Sun and Moon**—displays sunrise and sunset times along with the moon phase.

- **Alarm Clock**—sets an audible alarm. If you are not currently using the device, you can set the device to turn on at a specific time.
- **Hunt and Fish**—displays the predicted best dates and times for hunting and fishing at your current location.
- **Stopwatch**—allows you to use a timer, mark a lap, and time laps.
- **Waypoint Averaging**—allows you to refine a waypoint location with multiple samples to achieve the most-accurate location possible.

Camera and Photos

You can take photos with the GPSMAP 62sc and GPSMAP 62stc. When you take a photo, the geographic location is automatically saved in the photo information. You can navigate to the location like a waypoint.

Taking a Photo

1. From the main menu, select **Camera**.
2. Turn the device horizontally or vertically to change the orientation of the photo.
3. If necessary, press **IN** or **OUT** to zoom in or out.
4. Hold the **ENTER** button to focus.
5. Release the **ENTER** button to take a photo.

Setting the Camera for Low Light

1. From the main menu, select **Camera**.
2. Press **MENU**.
3. Select **Low Light Mode**.

Camera Setup

From the camera, press **MENU**, and select **Setup Camera**.

- **Photo Resolution**—allows you to select the resolution used to take photos.
- **Save Photos To**—allows you to select where photos automatically save after they are taken.

Viewing Photos

You can view photos you have taken with the camera (page 22) and photos you have transferred to the device (page 24).

1. From the main menu, select **Photo Viewer**.
2. Use the rocker to scroll through all the photos.
3. Select a photo to see a larger view of it.

   Press **IN** or **OUT** to zoom in or zoom out on the photo you are viewing.

Sorting Photos

1. From the main menu, select **Photo Viewer**.
2. Press **MENU**.
3. Select **Sort Photos**.
4. Select **Most Recently**, **Near a Location**, or **On a Specific Date**.

Viewing the Location of a Photo

1. From the main menu, select **Photo Viewer**.
2. Select a photo.
3. Press **MENU**.
4. Select **View Map**.

Deleting a Photo

1. From the main menu, select **Photo Viewer**.
2. Select a photo.
3. Press **MENU**.
4. Select **Delete** > **Yes**.

Navigating to a Photo

1. From the main menu, select **Photo Viewer**.
2. Select a photo.
3. Press **MENU**.
4. Select **View Map** > **Go**.
5. Navigate using the map (page 11) or compass (page 13).

Uploading and Downloading Photos from Garmin Connect

1. Connect your device to a computer (page 45).
2. Go to http://my.garmin.com.
3. If necessary, create an account.
4. Sign in.
5. Follow the on-screen directions to upload or download photos.

Customizing Your Device

Customizing Data Fields

You can customize the data fields displayed on each main page.

1. From a main page, press **MENU**.
2. Select **Change Data Fields**.
3. Select a data field.
4. Follow the on-screen instructions.

Data Field Options

** Available only with the GPSMAP 62s, GPSMAP 62st, GPSMAP 62sc, and GPSMAP 62stc.

Data Field	Description
Accuracy of GPS	The margin of error for your exact location. For example, your GPS location is accurate to within +/- 12 feet.
**Ambient Pressure	The uncalibrated environmental pressure.
**Ascent - Average	The average vertical distance of ascent.
**Ascent - Maximum	The maximum ascent rate in feet/ meters per minute.
**Ascent - Total	The total elevation distance ascended.
**Barometer	The calibrated current pressure.
Battery Level	The remaining battery power.
Bearing	The direction from your current location to a destination.
**Cadence (cadence accessory required)	Revolutions of the crank arm or strides per minute.

Data Field	Description
Course	The direction from your starting location to a destination.
Depth	The depth of the water. Requires a connection to a NMEA 0183 depth-capable device to acquire data (page 30).
**Descent - Average	The average vertical distance of descent.
**Descent - Maximum	The maximum descent rate in feet/meter per minute.
**Descent - Total	The total elevation distance descended.
Distance to Dest.	The distance to your final destination.
Distance to Next	The remaining distance to the next waypoint on the route.

Data Field	Description
Elevation	The altitude of your current location above or below sea level.
**Elevation - Maximum	The highest elevation reached.
**Elevation - Minimum	The lowest elevation reached.
ETA at Destination	The estimated time of day you will reach your final destination.
ETA at Next	The estimated time of day you will reach the next waypoint on the route.
Glide Ratio	The ratio of horizontal distance traveled to the change in vertical distance.

Data Field	Description
Glide Ratio To Dest.	The glide ratio required to descend from your current position and elevation to the destination elevation.
GPS Signal Strength	The strength of the GPS signal.
Heading	The direction you are moving.
**Heart Rate (heart rate monitor required)	Your heart rate in beats per minute (bpm).
Location (lat/lon)	Displays the current position in the default position format regardless of the selected settings.

Data Field	Description
Location (selected)	Displays the current position in the selected position format.
Odometer	A running tally of distance traveled for all trips.
Off Course	The distance to the left or the right by which you have strayed from the original path of travel.
Pointer	The data field arrow points in the direction of the next waypoint or turn.
Speed	The current rate of speed at which you are moving since last reset.
Speed - Maximum	The maximum speed reached since last reset.

Data Field	Description
Speed - Moving Avg.	The average speed of the device while moving since last reset.
Speed - Overall Avg.	Your average speed since last reset.
Sunrise	The time of sunrise based on your GPS position.
Sunset	The time of sunset based on your GPS position.
Temperature - Water	The temperature of the water. Requires a connection to a NMEA 0183 temperature-capable device to acquire data (page 30).

Data Field	Description
Time of Day	The current time of day based on your time settings (format, time zone, and daylight saving time).
Time to Destination	The estimated time needed to reach your final destination.
Time to Next	The estimated time needed until you reach the next waypoint on the route.
To Course	The direction in which you must move to return to the route.
Trip Odometer	A running tally of the distance traveled since the last reset.

Data Field	Description
Trip Time - Moving	A running tally of time since the last reset.
Trip Time - Stopped	The time spent not moving since the last reset.
Trip Time - Total	A running tally of distance traveled since the last reset.
Turn	The angle of difference (in degrees) between the bearing to your destination and your current course. L means turn left. R means turn right.
Velocity Made Good	The speed at which you are closing on a destination along a route.

Data Field	Description
Vert. Speed to Dest.	The measurement of your rate of ascent or descent to a predetermined altitude.
Vertical Speed	Your rate of altitude gain or loss over time.
Waypoint at Dest.	The last point on a route to your destination.
Waypoint at Next	The next point on your route.

System Settings

From the main menu, select **Setup** > **System**.

- **GPS**—sets the GPS to **Normal, WAAS/EGNOS** (Wide Area Augmentation System/European Geostationary Navigation Overlay Service), or **Demo Mode** (GPS off). For information about WAAS, go to www.garmin.com/aboutGPS/waas.html.
- **Language**—sets the text language on the device.

  NOTE: Changing the text language does not change the language of user-entered data or map data, such as street names.
- **Battery Type**—allows you to select the type of battery you are using.
- **Interface**—sets the format of the serial interface:
  - **Garmin Serial**—Garmin proprietary format used to provide PVT protocol data.
  - **NMEA In/Out**—provides standard NMEA 0183 output and input.
  - **Text Out**—provides simple ASCII text output of location and velocity information.
  - **RTCM** Radio Technical Commission for Maritime Services—allows the device to accept DGPS Differential Global Positioning System information from a device supplying RTCM data in an SC-104 format.

Display Settings

From the main menu, select **Setup** > **Display**.

- **Backlight Timeout**—see page 41.
- **Battery Save**—see page 41.
- **Colors**—sets the colors used on the device screens.
- **Main, Setup, Find Style**—allows you to select how the main menu, setup menu, and search menu appear.
- **Screen Capture**—allows you to take screen captures on the device.

Setting Up Tones

Your Garmin device allows you to customize the key tones and message beeps, or to turn off tones.

From the main menu, select **Setup** > **Tones**.

Marine Settings

From the main menu, select **Setup** > **Marine**.

- **Marine Chart Mode**—allows you to select a nautical chart or a fishing chart:
  - **Nautical** (requires marine maps)—displays various map features in different colors so that the marine POIs are more readable. The nautical chart reflects the drawing scheme of paper charts.
  - **Fishing** (requires marine maps)—displays a detailed view of bottom contours and depth soundings. Simplifies map presentation for optimal use while fishing.

- **Spot Soundings**—allows you to turn spot soundings on and set dangerous depths.
- **Light Sectors**—displays the sector in which a navigational light is visible. You can select **On** to show light sectors at all times, or you can select **Auto** to allow the device to automatically filter out light sectors depending on the zoom level.
- **Symbol Set**—allows you to show NOAA or IALA symbols on the map.
- **Marine Alarm Setup**—sets the anchor drag alarm, off course alarm, deep water alarm, and shallow water alarm.

Setting up Marine Alarms

Setting the Anchor Drag Alarm

You can set an alarm to sound when you exceed a specified drift distance while anchored.

1. From the main menu, select **Setup** > **Marine Settings**.
2. Select **Anchor Drag Alarm** > **On**.
3. Enter a distance.
4. Select **Done**.

Setting the Off Course Alarm

You can set an alarm to sound when you are off course by a specified distance.

1. From the main menu, select **Setup** > **Marine Settings**.
2. Select **Off Course Alarm** > **On**.
3. Enter a distance.
4. Select **Done**.

Setting the Deep Water or Shallow Water Alarm

1. From the main menu, select **Setup** > **Marine** > **Marine Alarm Setup**.
2. Select **Shallow Water** > **On** to set an alarm to sound when the depth is less than the specified value.
3. Enter the depth that triggers the shallow water alarm.
4. Select **Done**.
5. Select **Deep Water** > **On** to set an alarm to sound when the depth is greater than the specified value.
6. Enter the depth that triggers the deep water alarm.
7. Select **Done**.

Resetting Data

You can reset trip data, delete all waypoints, clear the current track, or restore default values.

1. From the main menu, select **Setup** > **Reset**.
2. Select an item to reset.

Changing the Page Sequence

1. From the main menu, select **Setup** > **Page Sequence**.
2. Select a page.
3. Select **Move**.
4. Move the page up or down the list.
5. Press **ENTER**.

Adding a Page

1. From the main menu, select **Setup** > **Page Sequence**.
2. Select **Add Page**.
3. Select a page to add.

Removing a Page

1. From the main menu, select **Setup** > **Page Sequence**.
2. Select a page.
3. Select **Remove**.
4. Press **ENTER**.

Customizing the Unit Settings

You can customize units of measure for distance and speed, elevation, depth, temperature, and pressure.

1. From the main menu, select **Setup** > **Units**.
2. Select a setting.
3. Select a unit for the setting.
4. Repeat steps 2–3 for each setting you want to customize.

Time Settings

From the main menu, select **Setup** > **Time**.

- **Time Format**—allows you to select a 12-hour or a 24-hour display time.
- **Time Zone**—allows you to select the time zone for the device. You can select **Automatic** to set the time zone automatically based on your GPS position.

Position Format Settings

NOTE: Do not change the position format or the map datum coordinate system unless you are using a map or chart that specifies a different position format.

From the main menu, select **Setup** > **Position Format**.

- **Position Format**—sets the position format in which a given location reading appears.
- **Map Datum**—sets the coordinate system on which the map is structured.
- **Map Spheroid**—shows the coordinate system the device is using. The default coordinate system is WGS 84.

Altimeter Settings

From the main menu, select **Setup** > **Altimeter**.

- **Auto Calibration**—the altimeter self-calibrates each time you turn the device on.
- **Barometer Mode**
  - **Variable Elevation**—the barometer functions while you are moving.
  - **Fixed Elevation**—the barometer functions while you are stationary.
- **Pressure Trending**
  - **Save When Power On**—records pressure data only when the device is turned on. This can be useful when you are watching for pressure fronts.
  - **Save Always**—records pressure data every 15 minutes, even when the device is turned off.
- **Plot Type**
  - **Elevation/Time**—records elevation changes over a period of time.
  - **Elevation/Distance**—records elevation changes over a distance.
  - **Barometric Pressure**—records barometric pressure over a period of time.

- **Ambient Pressure**—records ambient pressure changes over a period of time.

Geocache Settings

From the main menu, select **Setup** > **Geocaches**.

- **Geocache List**—allows you to show the geocache list by names or codes.
- **Found Geocaches**—allows you to enter the number of geocaches found.

Routing Settings

From the main menu, select **Setup** > **Routing**.

- **Guidance Method**—allows you to select a guidance method for calculating your route.
  - **Off Road**—calculates point-to-point routes.
  - **On Road For Time** (requires routable maps)—calculates on-road routes that require minimal time to drive.
  - **On Road For Distance** (requires routable maps)—calculates on-road routes that are shorter in distance.
- **Calculates Routes for**—allows you to select a transportation method in order to optimize your route.
- **Lock On Road**—locks the current location marker on the nearest road, compensating for variances in map position accuracy (requires routable maps).
- **Off Road Transitions**
  - **Auto**—automatically routes you to the next point.
  - **Manual**—allows you to select the next point on the route by using the point on the active route page.

- **Distance**—routes you to the next point on the route when you are within a specified distance of your current point.

- **Avoidance Setup** (requires routable maps)—allows you to select the road type you want to avoid.

Fitness

For more information on optional fitness accessories, see page 42.

Profiles

Profiles are a collection of settings that allow you to optimize your device from one type of use to another, such as moving from marine use to recreational use.

You can select **Recreational**, or save a custom profile for your device.

To change profiles, see page 19.

Saving a Custom Profile

You can customize your settings for a particular activity or trip. After you have made all the changes, you must save them as a custom profile.

1. From the main menu, select **Setup** > **Profiles**.
2. Select **Create New Profile** > **OK**.

Editing a Profile Name

1. From the main menu, select **Setup** > **Profiles**.
2. Select a profile.
3. Select **Edit Name**.
4. Enter the new name.
5. Select **Done**.

Deleting a Profile

1. From the main menu, select **Setup** > **Profiles**.
2. Select a profile.
3. Select **Delete**.

Appendix

Registering Your Device

Help us better support you by completing our online registration today.

- Go to http://my.garmin.com.
- Keep the original sales receipt, or a photocopy, in a safe place.

Updating the Software

You must connect the device to your computer to update the software (page 44).

1. Go to www.garmin.com/webupdater.
2. Follow the on-screen instructions.

NOTE: This does not erase any of your data or settings.

Viewing Important Device Information

You can view the unit ID, software version, and license agreement.

From the main menu, select **Setup** > **About**.

Contacting Garmin Product Support

You can contact Garmin Product Support if you have any questions about this product.

- In the USA, go to www.garmin.com/support, or contact Garmin USA by phone at (913) 397.8200 or (800) 800.1020.
- In the UK, contact Garmin (Europe) Ltd. by phone at 0808 2380000.

- In Europe, go to www.garmin.com/support and click **Contact Support** for in-country support information, or contact Garmin (Europe) Ltd. by phone at +44 (0) 870.8501241.

Using the Backlight

The backlight is activated any time you press a button. Alerts and messages also activate the backlight.

NOTE: To change the backlight settings, see page 41.

Quickly press ⏻ to turn on the backlight.

Specifications

Physical size (W × H × D)	2.4 × 6.3 × 1.4 in. (6.1 × 16.0 × 3.6 cm)
Weight	9.3 oz. (262.1 g) with batteries
Display (diagonal)	2.6 in. (66 mm)
Resolution (W × H)	160 × 240 pixels, backlit 65K color TFT display
Water resistance	Fully gasketed, high impact plastic alloy, waterproof to IEC 60529 IPx7
Approximate available data storage	• GPSMAP 62 and GPSMAP 62s: 1.7GB • GPSMAP 62st: 500MB • GPSMAP 62sc and GPSMAP 62stc: 3.5GB
Computer interface	USB
Memory card	microSD card
Memory retention	Data is saved when batteries are removed

Battery type	Two AA batteries (alkaline, NiMH, or lithium)
Battery life	• GPSMAP 62, GPSMAP 62s, and GPSMAP 62st: Up to 20 hours, typical usage • GPSMAP 62sc and GPSMAP 62stc: Up to 16 hours, typical usage.
Operating temperature range	From 5°F to 158°F (from -15 to 70°C)
Radio frequency/ protocol	2.4 GHz/ ANT+ wireless communications protocol

GPS accuracy	• < 33 ft. (10 m) 95% typical use • GPS is subject to accuracy degradation to 100 m 2DRMS under the U.S. DoD imposed Selective Availability (SA) Program when activated.
DGPS	From 10 to 16 ft. (from 3 to 5 m) 95% typical (WAAS accuracy in North America)

Altimeter	Accuracy: ± 10 ft. (± 3 m)* Resolution: 1 ft. (.3 m) Range: from -2,000 ft. to 30,000 ft. (from -610 to 9144 m) *Subject to proper user calibration.
Compass	Accuracy: ± 2 degrees (± 5 degrees in extreme Northern and Southern latitudes)* Resolution: 1 degree. *Subject to proper user calibration.

Maximizing Battery Life

You can do various things to increase the battery life, such as exiting the camera application when you are not taking photos.

Using the Battery Save Option

Use the battery save option to save battery power and prolong battery life.

From the main menu, select **Setup** > **Display** > **Battery Save** > **On**.

Decreasing the Backlight

Extensive use of screen backlighting can significantly reduce battery life. You can adjust the backlight brightness and decrease the backlight timeout to maximize battery power.

1. Quickly press ⏻ to open the backlight status page.
2. Use the **Rocker** to adjust the brightness.

Adjusting the Backlight Timeout

From the main menu, select **Setup** > **Display** > **Backlight Timeout**.

About the Batteries

⚠ WARNING

See the *Important Safety and Product Information* guide in the product box for product warnings and other important information.

The temperature rating for the device may exceed the usable range of some batteries. Alkaline batteries can rupture at high temperatures. Alkaline batteries lose a significant amount of their capacity as temperature decreases. Use lithium batteries when operating the device in below-freezing conditions.

Selecting the Battery Type

1. From the main menu, select **Setup** > **System** > **Battery Type**.
2. Select **Alkaline**, **Lithium**, or **Rechargeable NiMH**.

Long-Term Storage

When you do not plan to use the device for several months, remove the batteries. Stored data is not lost when batteries are removed.

Buying Optional Accessories

Go to http://buy.garmin.com, or contact your Garmin dealer for information about optional accessories, preloaded map data cards, fitness accessories, and replacement parts.

Using Optional Fitness Accessories

NOTE: The fitness option is available only with the GPSMAP 62s, GPSMAP 62st, GPSMAP 62sc, and GPSMAP 62stc.

Before you can use the fitness accessory with your device, you must

install the accessory according to the instructions that are included with the accessory.

You can use optional fitness accessories including a heart rate monitor or a cadence sensor with your device. These accessories use ANT+™ wireless technology to send data to the device.

1. Bring the device within range (3 m) of the ANT+ accessory.
2. From the main menu, select **Setup** > **Fitness**.
3. Select an option:
   - Select **Heart Rate Monitor** > **On**.
   - Select **Bike Cadence Sensor** > **On**.

You can view heart rate and cadence data by customizing your data fields (page 22).

Tips for Pairing ANT+ Accessories with Your Garmin Device

- Verify that the ANT+ accessory is compatible with your Garmin device.
- Before you pair the ANT+ accessory with your Garmin device, move 10 m away from other ANT+ accessories.
- Bring the Garmin device within range (3 m) of the ANT+ accessory.
- After you pair the first time, your Garmin device automatically recognizes the ANT+ accessory each time it is activated. This process occurs automatically when you turn on the Garmin device and only takes a few seconds when the accessories are activated and functioning correctly.
- When paired, your Garmin device only receives data from your

accessory, and you can go near other accessories.

Data Management

NOTE: The device is not compatible with Windows® 95, 98, Me, or NT. It is also not compatible with Mac® OS 10.3 and earlier.

File Types

The device supports the following file types:

- Files from BaseCamp™ or HomePort™. Go to www.garmin.com.
- GPI custom POI files from the Garmin POI Loader.

Installing a microSD Card

NOTE: The microSD card option is available only with the GPSMAP 62s, GPSMAP 62st, GPSMAP 62sc, and GPSMAP 62stc.

You can purchase microSD memory cards from an electronics supplier, or purchase preloaded detailed map data cards from your Garmin dealer. In addition to map and data storage, the memory cards can be used to store files such as images, cartridges, geocaches, routes, waypoints, and custom POIs.

1. Remove the battery cover by turning the D-ring 1/4 turn counter-clockwise and pulling up.
2. Slide up and pull out the metal cover.
3. Align the metal contacts, and place the card in the slot.

4. Push in and slide down the metal cover.
5. Replace the batteries and the battery cover.

Removing a microSD Card

1. Slide up and pull out the metal cover.
2. Remove the card from the slot.
3. Push in and slide down the metal cover.
4. Replace the batteries and the battery cover.

Connecting the USB Cable

NOTICE

To prevent corrosion, thoroughly dry the mini-USB port, the weather cap, and the surrounding area before charging or connecting to a computer.

1. Connect the USB cable to a USB port on your computer.
2. Pull up the weather cap from the mini-USB port.
3. Plug the small end of the USB cable into the mini-USB port.

   Your device and microSD card (optional) appear as removable drives in My Computer on Windows computers and as mounted volumes on Mac computers.

Transferring Files to Your Computer

After you have connected the device to your computer, you can copy and paste files from your computer into the device drives/volumes.

1. Browse your computer for the file.
2. Select the file.
3. Select **Edit** > **Copy**.
4. Open the "Garmin" or memory card drive/volume.
5. Select **Edit** > **Paste**.

Deleting Files

NOTICE

Your device memory contains important system files and folders that should not be deleted.

Before you can delete files, you must connect the device to your computer (page 44).

1. Open the "Garmin" drive or volume.
2. If necessary, open a folder or volume.
3. Select the files.
4. Press the **Delete** key on your keyboard.

Disconnecting the USB Cable

1. Complete an action:
   - For Windows computers, click the eject icon in your system tray.
   - For Mac computers, drag the volume icon to the Trash .
2. Disconnect the device from your computer.

Attaching the Wrist Strap

1. Place the loop of the wrist strap through the slot opening at the bottom of the device.

2. Route the strap through the loop, and pull it tight.

Attaching the Carabiner Clip

1. Position the carabiner clip in the slots on the mounting spine.
2. Slide the clip up until it locks in place.

Removing the Carabiner Clip

Lift the bottom of the clip and gently push down on the carabiner clip until it releases.

Caring for the Device

NOTICE

Avoid chemical cleaners and solvents that can damage plastic components.

Cleaning the Device

1. Use a cloth dampened with a mild detergent solution.
2. Wipe it dry.

Cleaning the Screen

1. Use a soft, clean, lint-free cloth.
2. If necessary, use water, isopropyl alcohol, or eyeglass lens cleaner.
3. Apply the liquid to the cloth, and gently wipe the screen with the cloth.

Troubleshooting

Problem	Solution
The screen or buttons do not respond. How do I reset the device?	1. Remove the batteries. 2. Reinstall the batteries. **NOTE**: This does not erase any of your data or settings.
I want to reset all the customized settings back to the factory defaults.	From the main menu, select **Setup** > **Reset** > **Reset All Settings**.
My device does not acquire satellite signals.	1. Take your device out of parking garages and away from tall buildings and trees. 2. Turn on the device. 3. Remain stationary for several minutes.
The batteries do not last long.	Decrease the backlight settings (page 41).

Problem	Solution
How do I know my device is in USB mass storage mode?	On the device, a screen appears showing the Garmin logo and the USB symbol. On your computer, you should see a new removable disk drive in My Computer on Windows computers and a mounted volume on Mac computers.
My device is connected to the computer, but it will not go into mass storage mode.	You may have loaded a corrupted file. 1. Disconnect the device from your computer. 2. Turn off the device. 3. Press and hold the **Rocker** while you connect the device to your computer. Continue pressing the **Rocker** for 10 seconds or until the device goes into mass storage mode.
I cannot see any new removable drives in my list of drives.	If you have several network drives mapped on your computer, Windows may have trouble assigning drive letters to your Garmin drives. See the Help file for your operating system to learn how to assign drive letters.
I need replacement parts or accessories.	Go to http://buy.garmin.com, or contact your Garmin dealer.
I want to buy an external GPS antenna.	Go to http://buy.garmin.com, or contact your Garmin dealer.

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For the latest free software updates (excluding map data) throughout the life of your Garmin products, visit the Garmin Web site at www.garmin.com.

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